Project Title	Funding	Strategic Plan Objective	Institution
A combined fMRI-TMS study on the role of the mirror neuron system in social cognition: Moving beyond correlational evidence	$150,000	Q2.Other	University of California, Los Angeles
Acupressure and acupuncture as an intervention with children with autism	$90,000	Q4.6	Kennedy Krieger Institute
A large scale, two phase study to estimate prevalence, and raise awareness, about autism spectrum conditions in India	$60,000	Q1.Other	Action for Autism/Creating Connections
Altering motivational variables to treat stereotyped behavior	$100,000	Q4.Other	St. Cloud State University
A multi-site clinical randomized trial of the Hanen More Than Words intervention	$400,000	Q4.4	University of Massachusetts Boston
An adult brain-specific mouse model of neuronal TSC inactivation	$60,000	Q2.Other	Massachusetts General Hospital
Analysis of brain microstructure in autism using novel diffusion MRI approaches	$60,000	Q2.5	Washington University School of Medicine
Analysis of cortical circuits related to ASD gene candidates	$150,000	Q2.Other	Cold Spring Harbor Laboratory
Analysis of developmental interactions between reelin haploinsufficiency, male sex, and mercury exposure	$110,000	Q3.1	Universita Campus Bio-Medico di Roma
Animal models of autism: Pathogenesis and treatment	$100,000	Q2.Other	University of Texas Southwestern Medical Center
A novel cell-based assay for autism research and drug discovery	$60,000	Q2.Other	University of Arizona
A play and joint attention intervention for preschool teachers and young children with autism	$60,000	Q4.4	Cleveland State University
A randomized, double blind, placebo controlled study of fatty acid supplementation in autism	$140,000	Q4.8	Medical University of South Carolina
A randomized controlled trial of two treatments for verbal communication	$150,000	Q4.4	Yale Child Study Center
Architecture of myelinated axons linking frontal cortical areas	$54,000	Q2.Other	Boston University
Are neuronal defects in the cerebral cortex linked to autism?	$33,000	Q2.Other	Memorial Sloan-Kettering Cancer Center
ARTI: The autism research & training initiative in India	$60,000	Q1.Other	Sangath
A sibling mediated imitation intervention for young children with autism	$28,000	Q4.3	Michigan State University
Assessing information processing and capacity for understanding language in non-verbal children with autism	$220,000	Q2.5	Rutgers University; City University of New York
Assisted reproductive treatments and risk of autism	$20,000	Q3.6	Institute of Psychiatry, King's College London
Attentional abnormalities in autism: An electronphysiological study of the basal forebrain and central nucleus of the amygdala	$60,000	Q2.Other	University of California, San Diego
Attention to social and nonsocial events in children with autism	$150,000	Q1.2	Florida International University

Project Title	Funding	Strategic Plan Objective	Institution
Autism Genetic Resource Exchange (AGRE)	$2,100,000	Q3.8	Autism Speaks
Autism Genome Project (AGP)	$2,400,000	Q3.8	Autism Speaks
Autism spectrum disorder in Down syndrome: A model of repetitive and stereotypic behavior for idiopathic ASD	$60,000	Q1.Other	Kennedy Krieger Institute
Autism Treatment Network (ATN)	$3,400,000	Q4.7	Autism Speaks
Autism Treatment Program (ATP)	$700,000	Q2.6	Autism Speaks
Automated measurement of dialogue structure in autism	$50,000	Q1.1	Oregon Health & Science University
Automated measurement of facial expression in autism: Deficits in facial nerve function?	$150,000	Q1.4	University of Miami
Baby sibs	$11,086	Q1.Other	Autism Speaks
BDNF secretion and neural precursor migration	$47,500	Q2.Other	Dana-Farber Cancer Institute
Behavioral and functional neuroimaging investigations of visual perception and cognition in autistics	$150,000	Q2.5	Université de Montréal
Bioinformatics/ISAAC	$300,000	Q3.Other	Autism Speaks
Caspr2 dysfunction in autism spectrum disorders	$28,000	Q2.Other	Yale University
Clinical and gene signatures of ASDs	$61,000	Q1.3	University of British Columbia
Clinical Trials Network (CTN)	$200,000	Q4.7	Autism Speaks
Cognitive-behavioral group treatment for anxiety symptoms in adolescents with high-functioning autism spectrum disorders	$100,000	Q4.4	University of Colorado Denver
Cognitive control and social engagement among younger siblings of children with autism	$28,000	Q2.Other	University of Miami
Collaborative neuropathology workgroup: A comprehensive multilevel analysis of frontal lobe microstructure in autism	$166,000	Q2.5	University of California, San Diego
Communication and prosody in autism: A pilot fMRI study using a sib-pair design	$60,000	Q2.5	Washington University in St. Louis
Consequences of maternal antigen exposure on offspring immunity: An animal model of vertical tolerance	$137,000	Q2.Other	The Fox Chase Cancer Center
Cortical mechanisms underlying visual motion processing impairments in autism	$60,000	Q2.5	Harvard Medical School
Dendritic organization within the cerebral cortex in autism	$140,000	Q2.5	The Open University
Deriving neuroprogenitor cells from peripheral blood of individuals with autism	$60,000	Q2.2	University of Utah
Developmental and augmented intervention for facilitating expressive language	$600,000	Q4.3	University of California, Los Angeles
Developmental versus acute mechanisms mediating altered excitatory synaptic function in the fragile X syndrome mouse model	$150,000	Q2.Other	University of Texas Southwestern Medical Center

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Development of brain connectivity in autism	$300,000	Q2.5	New York School of Medicine
Development of categorization and facial knowledge in infants at-risk for autism - AS	$31,000	Q1.4	University of Pittsburgh
Differential effects of thimerosal on cell division and apoptosis in normal vs. autism spectrum disorder cell lines	$60,000	Q3.1	The Methodist Hospital Houston
DNA methylation and other epigenetic studies of autism brain	$29,000	Q3.Other	Baylor College of Medicine
Double-blind placebo controlled trial of subcutaneous methyl B12 on behavioral and metabolic measures in children with autism	$150,000	Q4.8	University of California, Davis
Double masked placebo controlled trial of cholesterol in hypocholesterolemic ASD	$300,000	Q4.8	Kennedy Krieger Institute
Early biologic markers for autism	$60,000	Q3.Other	Kaiser Foundation Research Institute
Early developmental risk factors for autism in a national birth cohort	$60,000	Q3.6	Turku University
Early intervention for children screened positive for autism by the first year inventory	$200,000	Q4.3	University of North Carolina at Chapel Hill
Effectiveness of sensory based strategies for improving adaptive behaviors in children with autism	$150,000	Q4.4	Thomas Jefferson University
Effect of oxytocin receptor inhibitor (Atosiban) during the perinatal period and prevalence of autism spectrum disorders	$150,000	Q3.Other	Hebrew University
Effects of parent-implemented intervention for toddlers with autism spectrum	$300,000	Q4.3	Florida State University
Electrical measures of functional cortical connectivity in autism	$60,000	Q2.5	University of Washington
Enhancing inter-subjectivity in infants at high-risk for autism	$213,000	Q4.3	IWK Health Centre/Dalhousie University
Enhancing social communication for children with HFA	$46,000	Q4.4	University of Haifa
Enhancing social functioning among adolescents with Asperger's syndrome and high functioning autism	$60,000	Q4.4	Penn State Milton S. Hershey Medical Center
Epigenetics, hormones and sex differences in autism incidence	$100,000	Q3.1	University of Virginia
Ethics of communicating scientific findings on autism risk	$25,000	Q3.Other	Drexel University School of Public Health
Ethnicity and the elucidation of autism endophenotypes	$61,000	Q1.4	Washington University in St. Louis
Etiology of autism risk involving MET gene and the environment	$220,000	Q3.8	University of California, Davis
Evaluating a 3D VLE for developing social competence	$100,000	Q4.Other	University of Missouri
Evaluating behavioral and neural effects of social skills intervention for school-age children with autism spectrum disorders	$60,000	Q4.1	Mount Sinai School of Medicine

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Exploring functional brain connectivity for visual cognition in autism spectrum disorder	$60,000	Q2.5	University of Kentucky
Exploring the role of CC2D1A in neuronal development and synaptic function	$49,000	Q3.8	Harvard University
FMRI evidence of genetic influence on rigidity in ASD	$28,000	Q2.5	University of Michigan
FMRI studies of cerebellar functioning in autism	$47,500	Q2.5	University of Illinois at Chicago
Gamma band dysfunction as a local neuronal connectivity endophenotype in autism	$61,000	Q2.5	University of Colorado Denver
Gene-environment interactions in the pathogenesis of autism-like neurodevelopmental damage: A mouse model	$60,000	Q3.Other	Johns Hopkins University School of Medicine
Gene expression profiling of autism spectrum disorders	$51,000	Q3.8	Boston Children's Hospital
Genetic and epigenetic interactions in a mouse model for autism	$60,000	Q3.Other	David Geffen School of Medicine at University of California, Los Angeles
Genetic studies of autism susceptibility	$50,000	Q3.8	Rutgers University
Genome-wide association study of autism characterized by developmental regression	$150,000	Q3.2	Cincinnati Children's Hospital Medical Center
Genomic imbalances in autism - AS	$49,500	Q3.8	University of Chicago
Genomic resources for identifying genes regulating social behavior	$60,000	Q3.8	Emory University
Identical twins discordant for autism: Epigenetic (DNA methylation) biomarkers of non-shared environmental influences	$100,000	Q3.Other	Institute of Psychiatry, King's College London
Identification and functional characterization of gene variants	$60,000	Q2.Other	Universita Campus Bio-Medico di Roma
Identification of autism candidate genes on the X-chromosome from copy number variants identified by 500K SNP-CHIP analysis	$55,000	Q3.8	Centre For Addiction And Mental Health
Identification of UBE3A substrates using proteomic profiling in Drosophila	$60,000	Q2.Other	University of Tennessee Health Science Center
Identifying gastrointestinal (GI) conditions in children with autism spectrum disorders (ASD)	$150,000	Q1.3	Harvard Medical School
Imaging synaptic neurexin-neuroligin complexes by proximity biotinylation: Applications to the molecular pathogenesis of autism	$47,500	Q2.Other	Massachussetts Institute of Technology
Imitation in autism	$61,000	Q1.4	King's College, London
Immune molecules and cortical synaptogenesis: Possible implications for the pathogenesis of autism	$150,000	Q2.Other	University of California, Davis
Immunobiology in autism	$32,000	Q3.6	University of California, Davis
Influence of maternal cytokines during pregnancy on effector and regulatory T helper cells as etiological factors in autism	$110,000	Q3.6	University of Medicine & Dentistry of New Jersey

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Influence of maternal cytokines on activation of the innate immune system as a factor in the development of autism	$32,000	Q3.6	University of Medicine & Dentistry of New Jersey
Influence of oxidative stress on transcription and alternative splicing of methionine synthase in autism	$28,000	Q2.2	Northeastern University
Influence of the maternal immune response on the development of autism	$150,000	Q3.6	University of Medicine & Dentistry of New Jersey
Informational and neural bases of empathic accuracy in autism spectrum disorder	$28,000	Q2.5	Columbia University
Innovative technology for mapping social engagement in children with autism: Adaptive physiological profiling in real time	$60,000	Q4.1	Vanderbilt University
Integrated play groups: Promoting social communication and symbolic play with peers across settings in children with autism	$150,000	Q4.4	San Francisco State University
Interactions between mothers and young children with ASD: Associations with maternal and child characteristics	$61,000	Q1.Other	University of Haifa
Interactions of environment and molecular pathways on brain overgrowth in autism: Maternal inflammation and the PI3/AKT pathway	$211,200	Q3.6	University of California, Los Angeles
Interactive Autism Network (IAN)	$2,200,000	Q6.1	Kennedy Krieger Institute
International trends in diagnoses and incidence of autism spectrum disorders	$64,023	Q1.2	Telethon Institute for Child Health Research
Intervention for infants at risk for autism	$150,000	Q4.3	University of California, Davis
Intervention for infants at risk for autism	$150,000	Q4.3	University of Washington
Investigation of cortical folding complexity in children with autism, their autism-discordant siblings, and controls	$100,000	Q2.5	Stanford University
Investigation of genes involved in synaptic plasticity in Iranian families with ASD	$60,000	Q3.9	Massachusetts General Hospital
Investigation of the link between early brain enlargement and abnormal functional connectivity in autism spectrum disorders	$120,000	Q2.5	University of Washington
Is autism a mitochondrial disease?	$60,000	Q2.2	University of California, Davis
Joint attention intervention for caregivers and their children with autism	$51,000	Q4.4	University of California, Los Angeles
KZN autism study	$60,000	Q1.Other	University of KwaZulu-Natal
Linguistic perspective-taking in adults with high-functioning autism: Investigation of the mirror neuron system	$28,000	Q2.5	Carnegie Mellon University
Linking autism and congenital cerebellar malformations	$60,000	Q3.Other	University of Chicago

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Maternal dietary factors and risk of ASDs	$32,000	Q3.6	Harvard Medical School
Maternal infection and autism: Impact of placental sufficiency and maternal inflammatory responses on fetal brain development	$130,000	Q2.Other	Stanford University
Maternal risk factors for autism in the Nurses Health Study II – pilot study	$60,000	Q3.6	Harvard School of Public Health
Maternal supplementation of folic acid and function of autism gene synaptic protein Shank3 in animal model	$110,000	Q3.6	Baylor College of Medicine
Meg investigation of the neural substrates underlying visual perception in autism	$130,000	Q2.5	Massachussetts General Hospital
Mimicry and imitation in ASDs	$32,000	Q2.5	University of Connecticut
Mitochondria and autism	$690,460	Q1.3	University of California, Irvine; University of California, San Diego
Modeling and pharmacologic treatment of autism spectrum disorders in Drosophila	$150,000	Q2.Other	Albert Einstein College of Medicine of Yeshiva University
Molecular and environmental influences on autism pathophysiology	$150,000	Q3.1	University of California, Los Angeles
Molecular basis of autism associated with human adenylosuccinate lyase gene defects	$30,000	Q2.Other	University of Delaware
Motor control in young children with autism	$60,000	Q1.4	University of Florida
Mouse genetic model of a dysregulated serotonin transporter variant associated with autism	$60,000	Q2.Other	Vanderbilt University
MRI study of brain development in school age children with autism	$150,000	Q2.5	University of North Carolina at Chapel Hill
Multi-registry analyses - data management core	$66,000	Q3.9	Columbia University
Multi-registry analyses - Denmark	$72,000	Q3.9	Emory University
Multi-registry analyses - Finland	$36,000	Q3.9	Turku University
Multi-registry analyses - Israel	$36,000	Q3.9	The Gertner Institute of Epidemiology and Health Policy Research
Multi-registry analyses - Norway	$36,000	Q3.9	Norwegian Institute of Public Health
Multi-registry analyses - Sweden	$36,000	Q3.9	Karolinska Institutet
Multi-registry analyses - West Australia	$36,000	Q3.9	The University of Western Australia
Multisensory processing in autism	$145,000	Q2.5	University of North Carolina at Chapel Hill
Neural basis of audiovisual integration during language comprehension in autism	$30,000	Q2.5	University of Rochester
Neural basis of socially driven attention in children with autism	$28,000	Q2.5	University of California, Los Angeles
Neural circuit deficits in animal models of Rett syndrome	$44,000	Q2.Other	Cold Spring Harbor Laboratory

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Neural correlates of serotonin transporter gene polymorphisms and social impairment in ASD	$150,000	Q2.5	University of Michigan
Neural correlates of social exchange and valuation in autism	$150,000	Q2.5	Baylor College of Medicine
Neural mechanisms of social cognition and bonding - AS	$31,500	Q2.Other	Emory University
Neurogenic growth factors in autism	$150,000	Q3.Other	Yale University
Neuroligins and neurexins as autism candidate genes: Study of their association in synaptic connectivity	$60,000	Q2.Other	University of California, San Diego
Neuronal nicotonic receptor modulation in the treatment of autism: A pilot trial of mecamylamine	$58,000	Q4.8	The Ohio State University
Neuropharmacology of motivation and reinforcement in mouse models of autistic spectrum disorders	$150,000	Q2.Other	University of North Carolina School of Medicine
Neurophysiological indices of risk and outcome in autism	$61,000	Q1.3	University of Washington
Novel approaches for investigating the neurology of autism: Detailed morphometric analysis and correlation with motor impairment	$150,000	Q2.5	Kennedy Krieger Institute
Novel methods for testing language comprehension in children with ASD	$150,000	Q1.2	Boston University
NrCAM, a candidate susceptibility gene for visual processing deficits in autism	$150,000	Q2.Other	University of North Carolina at Chapel Hill
Optical analysis of circuit-level sensory processing in the cerebellum	$49,000	Q2.Other	Princeton University
Oxidative stress and immune response in autism	$60,000	Q2.5	New York State Institute for Basic Research in Developmental Disabilities
Parents and professionals attitudes to dietary interventions in ASD (PADIA)	$109,658	Q4.6	Newcastle University
Past, present and future-oriented thinking about the self in children with ASD	$61,000	Q2.5	City University, London
Pathway-based genetic studies of autism spectrum disorder	$60,000	Q2.Other	University of Pennsylvania
Phonological processing in the autism spectrum	$32,000	Q2.5	Heriot-Watt University
Pilot project to assess web-based family recruitment for autism genetics studies	$998,654	Q1.Other	University of California, Los Angeles; Washington University in St. Louis; Kennedy Krieger Institute
Potential role of noncoding RNAs in autism	$60,000	Q3.8	Children's Mercy Hospitals and Clinics
Promoting communication skills in toddlers at risk for autism	$300,000	Q4.3	University of California, Los Angeles
Promoting early social-communicative competency in toddlers with autism	$323,000	Q4.3	University of Northern Colorado
Prospective examination of 6-year cumulative incidence of ASDs: A total population study	$60,000	Q3.9	Yale University
Psychophysiological approaches to the study of autism	$26,000	Q2.Other	University of Washington

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Psychophysiological mechanisms of emotion perception	$60,000	Q2.5	Georgia State University
Quality of life for children with autism spectrum disorders and their parents	$150,000	Q1.Other	Massachusetts General Hospital
Quantifying white matter connectivity in autism	$61,000	Q2.5	University of Utah
Relation of sleep epileptiform discharges to insomnia and daytime behavior	$60,000	Q2.Other	Vanderbilt University
Robotics and speech processing technology for the facilitation of social communication training in children with autism	$100,000	Q4.4	University of Southern California
Role of micro-RNAs in ASD affected circuit formation and function	$150,000	Q3.8	University of California, San Francisco
Role of neuroligin in synapse stability	$150,000	Q2.Other	Oklahoma Medical Research Foundation
Role of Pam in synaptic morphology and function	$150,000	Q2.Other	Massachusetts General Hospital
Roles of Wnt signaling/scaffolding molecules in autism	$28,000	Q2.Other	University of California, San Francisco
Safety and efficacy of complementary and alternative medicine for autism spectrum disorders	$100,000	Q4.6	University of California, San Francisco
Scales, procedures, and intervention programs for estimating the prevalence of childhood disability and autism in Bangladesh	$59,966	Q1.4	Dhaka Shishu (Children's) Hospital, Bangladesh Institute of Child Health
Self-management of daily living skills: Development of cognitively accessible software for individuals with autism	$50,000	Q4.7	Eugene Research Institute
Sleep, neuropsychological, mood, behavior, learning, and developmental problems in children with autism	$18,085	Q1.4	Penn State College of Medicine
Social behavior deficits in autism: Role of amygdala	$110,000	Q2.Other	State University of New York Upstate Medical Center
Social cognition and interaction training for adolescents with high functioning autism	$60,000	Q4.4	University of North Carolina at Chapel Hill
Stereological analyses of neuron numbers in frontal cortex from age 3 years to adulthood in autism	$150,000	Q2.5	University of California, San Diego
Technology support for interactive and collaborative visual schedules	$42,000	Q4.Other	University of California, Irvine
Temperament, emotional expression, and emotional self-regulation in relation to later ASD diagnosis	$29,500	Q1.4	Bryn Mawr College
The development of Chinese versions of ADOS and ADI-R	$150,000	Q1.2	Johns Hopkins Bloomberg School of Public Health
The early identification of temperament endophenotypes in ASD	$61,000	Q1.4	Dalhousie University
The effects of Npas4 and Sema4d on inhibitory synapse formation	$150,000	Q2.Other	Boston Children's Hospital
The genetic link between autism and structural cerebellar malformations	$32,000	Q1.3	University of Chicago

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The genetics of restricted, repetitive behavior: An inbred mouse model	$60,000	Q2.Other	University of Florida
The impact of autism specific genomic variations on microRNA gene expression profile	$88,000	Q3.8	The Hospital for Sick Children
The neural correlates of transient and sustained executive control in children with autism spectrum disorder	$60,000	Q2.5	University of Missouri
The pathogenesis of autism: Maternal antibody exposure in the fetal brain	$110,000	Q3.Other	The Feinstein Institute for Medical Research
The role of the autism-associated gene Tuberous Sclerosis Complex 2 (TSC2) in presynaptic development	$55,000	Q2.Other	University of California, San Diego
The role of the neurexin 1 gene in susceptibility to autism	$150,000	Q3.Other	Massachusetts General Hospital/Harvard Medical School
Transcranial magnetic stimulation (RTMS) for evaluation and treatment of repetitive behavior in subjects with autism spectrum disorders	$60,000	Q4.Other	Columbia University
Translational genetic studies in familial ASDs	$100,000	Q3.8	Massachusetts General Hospital
Translation of evidenced based treatment to classrooms	$30,000	Q4.4	University of California, San Diego
Treatment of sleep problems in children with autism spectrum disorder with melatonin: A double-blind, placebo-controlled study	$150,000	Q4.2	Baylor College of Medicine
Uncovering genetic mechanisms of ASD	$150,000	Q3.8	Boston Children's Hospital
Understanding glutamate signaling defects in autism spectrum disorders	$60,000	Q3.8	Johns Hopkins University
Understanding perception and action in autism	$32,000	Q2.5	Kennedy Krieger Institute
Using genetically modified mice to explore the neuronal network involved in social recognition	$60,000	Q2.Other	Haifa University
Victimization, pragmatic language, and social and emotional competence in adolescents with ASD	$60,000	Q2.5	Queen's University
Video game environments for the integrative study of perception, attention and social cognition in autism and autism sibs	$59,984	Q1.2	Cornell University
Visual perspective-taking and the acquisition of American Sign Language by deaf children with autism	$28,000	Q2.5	University of Texas at Austin
Visual system connectivity in a high-risk model of autism	$41,000	Q2.Other	Boston Children's Hospital
Visuospatial processing in adults and children with autism	$30,000	Q2.5	Carnegie Mellon University
Vitamin D status and autism spectrum disorder: Is there an association?	$80,000	Q3.1	University of California, Davis
Vulnerability phenotypes and susceptibility to environmental toxicants: From organism to mechanism	$110,000	Q2.Other	University of Rochester